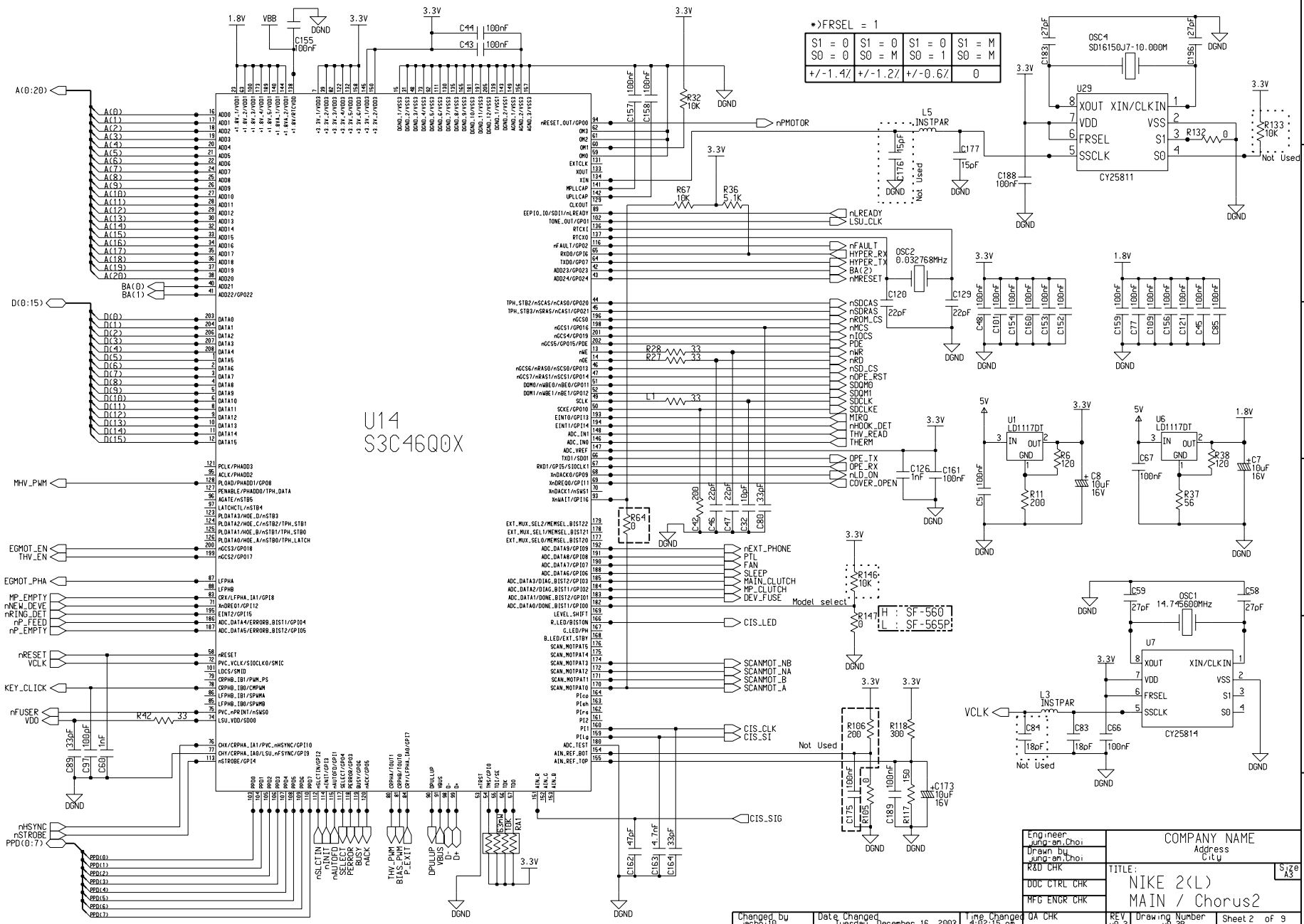
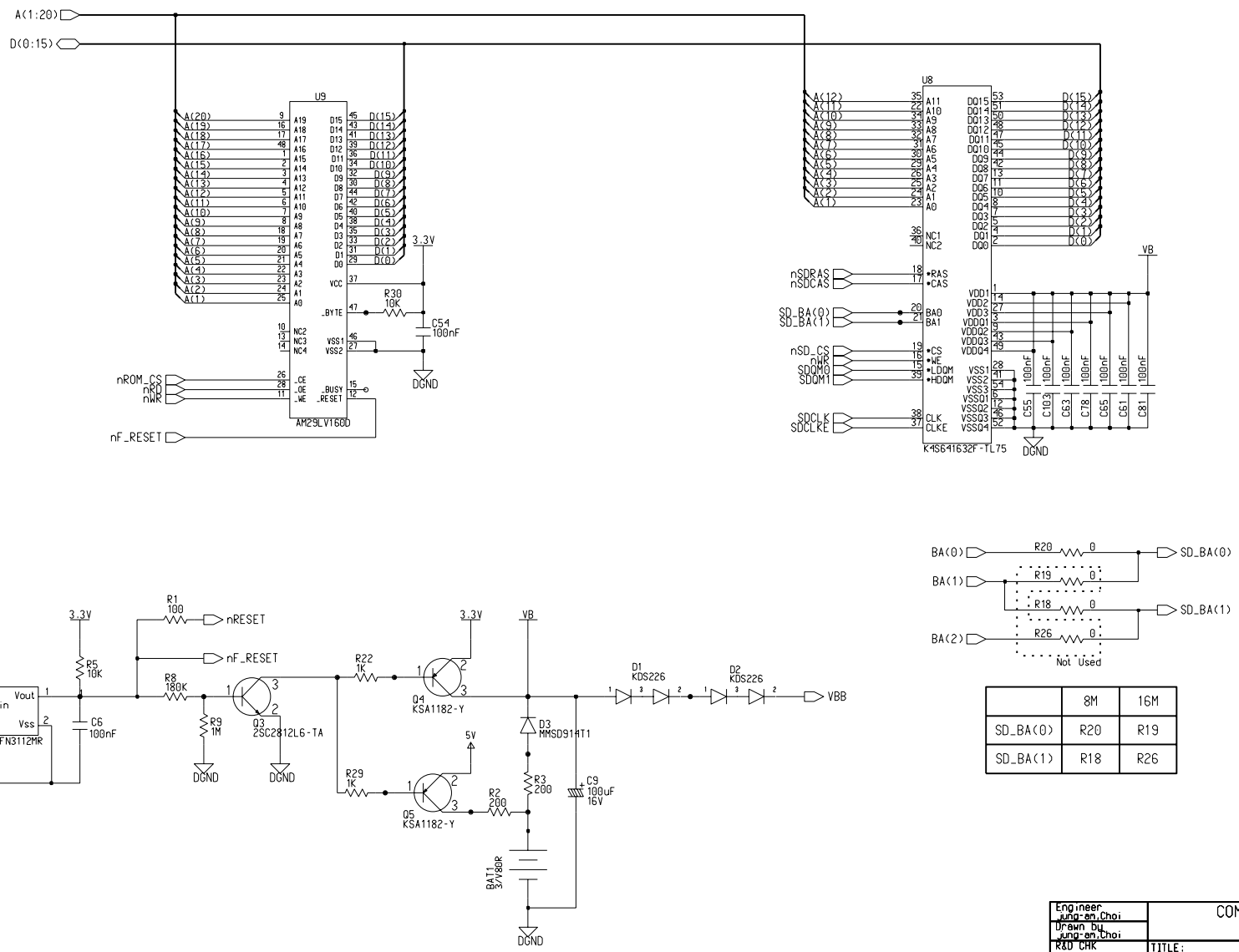
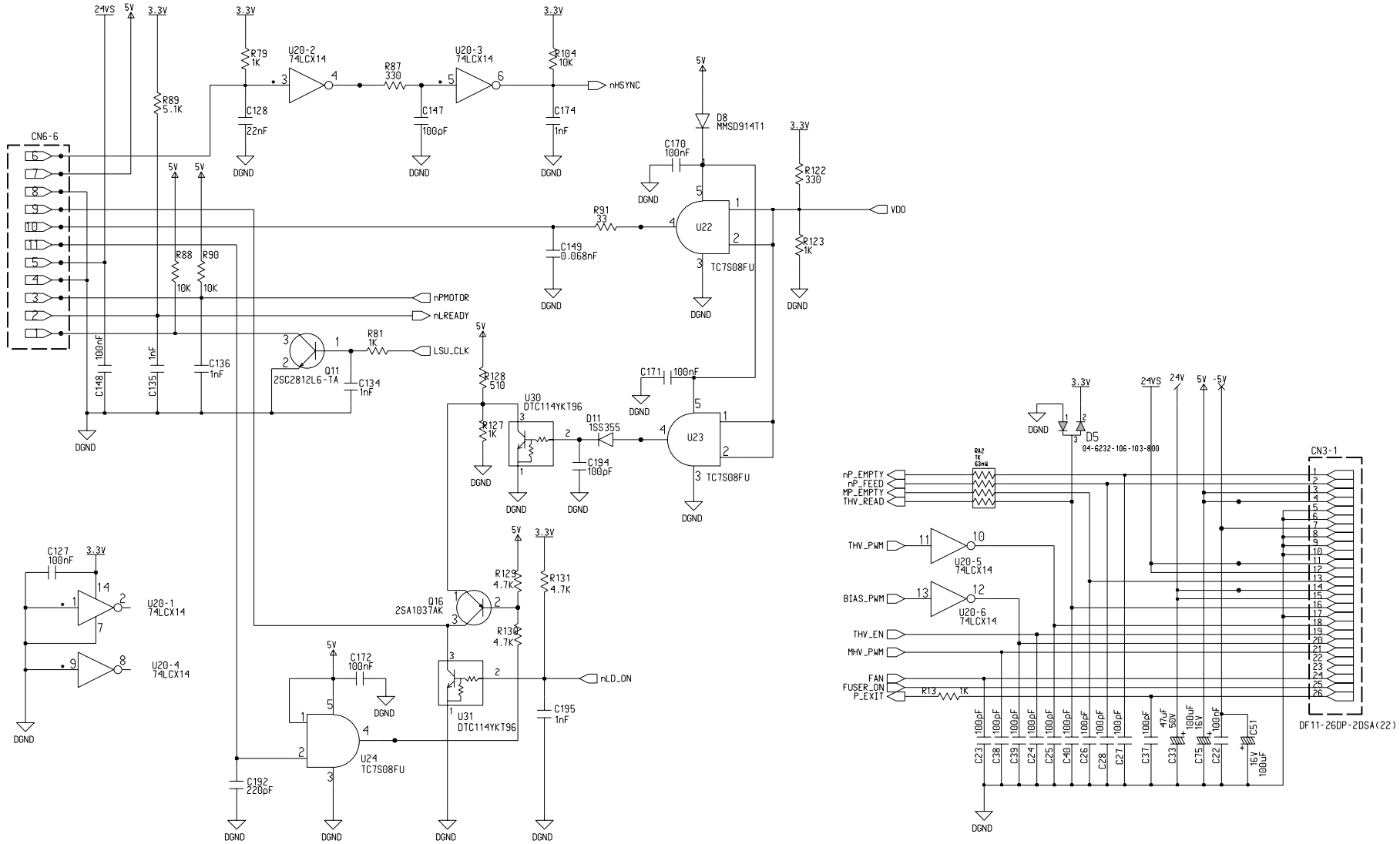

U14
S3C46Q0X
*)FRSEL = 1
S1 = 0 S0 = 0 +/-1.4%
S1 = 0 S0 = M +/-1.2%
S1 = 0 S0 = 1 +/-0.6%
S1 = M S0 = 0
OSC4 SD16150J7-10.000M
U29 XOUT XIN/CLKIN VDD VSS FRSEL S1 SSCLK S0
CY25811
OSC2 0.032768MHz
L5 INSTPAR
Not Used
OSC1 14.745600MHz
U7
CY25814
L3 INSTPAR
U1 LD1117DT
U6 LD1117DT
Model select
H : SF-560
L : SF-565P
Engineer Jung-am,Choi
Drawn by Jung-am,Choi
R&D CHK
DOC CTRL CHK
MFG ENGR CHK
COMPANY NAME
Address
City
TITLE:
NIKE 2(L)
MAIN / Chorus2
Size A3
Changed by jachoi10
Date Changed Tuesday, December 16, 2003
Time Changed 4:02:15 pm
QA CHK
REV v0.3
Drawing Number v0.38
Sheet 2 of 9



	8M	16M
SD_BA(0)	R20	R19
SD_BA(1)	R18	R26

Engineer: jung-am,Choi	COMPANY NAME	
Drawn by: jung-am,Choi	Address	
R&D CHK	City	
DOC CTRL CHK	TITLE: NIKE 2(L) MAIN / RESET&ROM&RAM	Size A3
MFG ENGR CHK		
QA CHK	REV v0.3	Drawing Number v0.3B
Changed by: jachoi10	Date Changed: Tuesday, December 16, 2003	Time Changed: 4:02:45 pm
	Sheet 3 of 9	



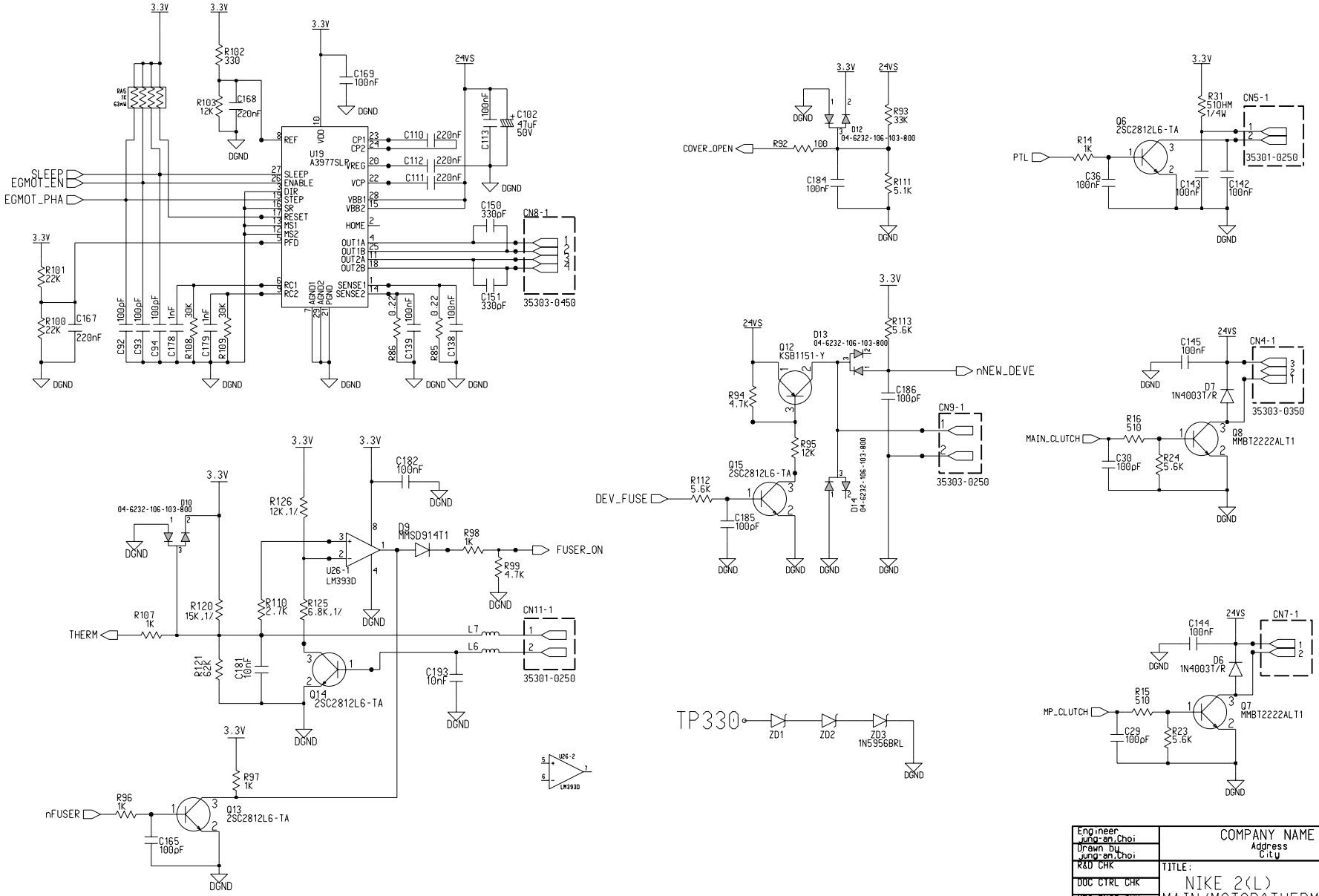
Engineer	jung-am.Choi
Drawn by	jung-am.Choi
R&D CHK	
DOC CTRL CHK	
MFG ENGR CHK	

COMPANY NAME
Address
City

TITLE: NIKE 2(L)
MAIN / LSU&PWRCONN

Size A3

Changed by	Date Changed	Time Changed	QA CHK	REV	Drawing Number	Sheet
jachoi10	Tuesday, December 16, 2003	4:03:06 pm		v0.3	v0.38	4 of 9



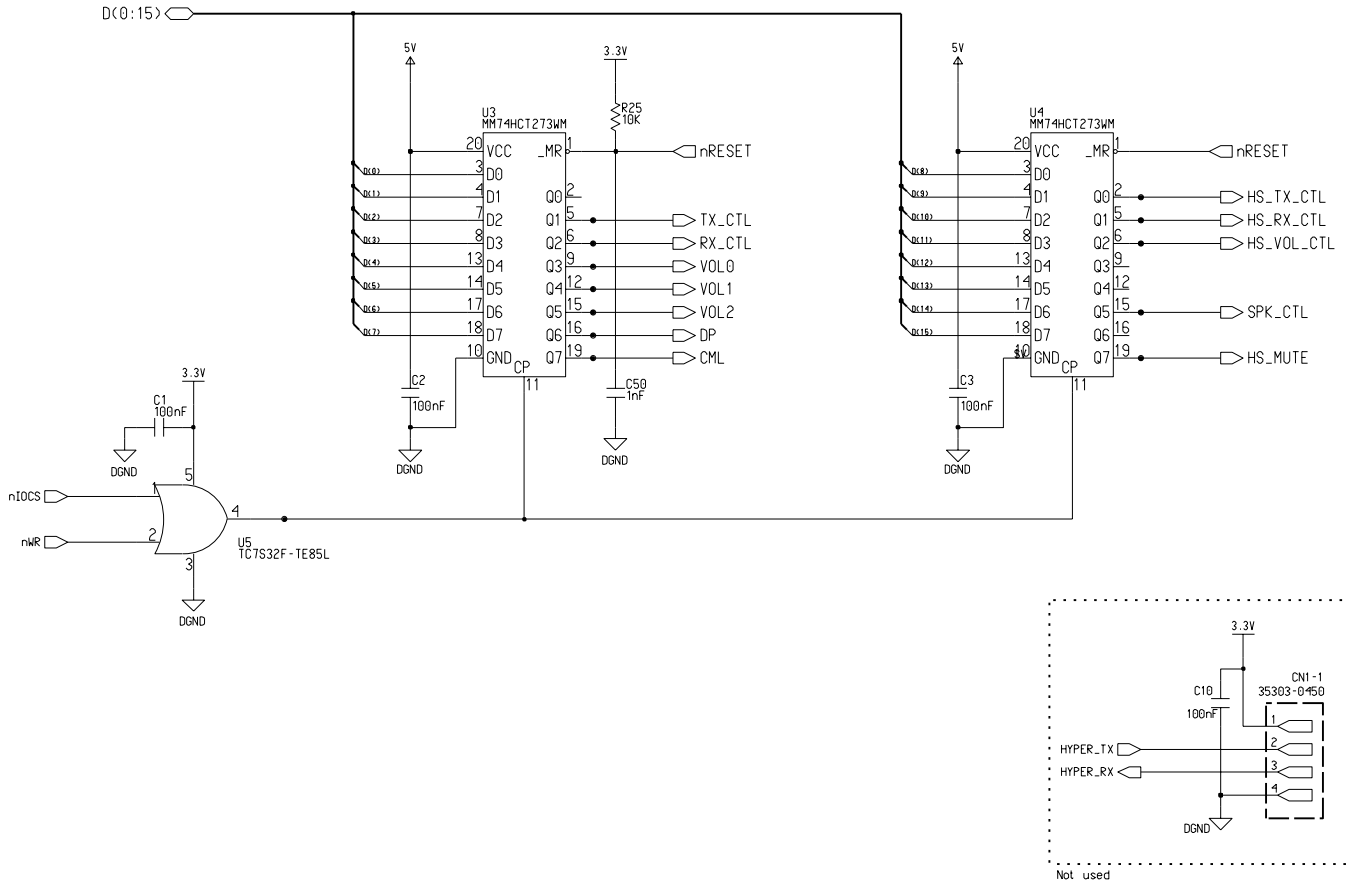
Engineer	Jung-am,Choi
Drawn by	Jung-am,Choi
R&D CHK	
DOC CTRL CHK	
MFG ENGR CHK	
QA CHK	

COMPANY NAME
Address
City

TITLE: NIKE 2(L)
MAIN/MOTOR&THERM&ENG

Size A3

Changed by	Date Changed	Time Changed	REV	Drawing Number	Sheet
jachoi10	Tuesday, December 16, 2003	4:03:23 pm	v0.3	v0.3B	Sheet 5 of 9



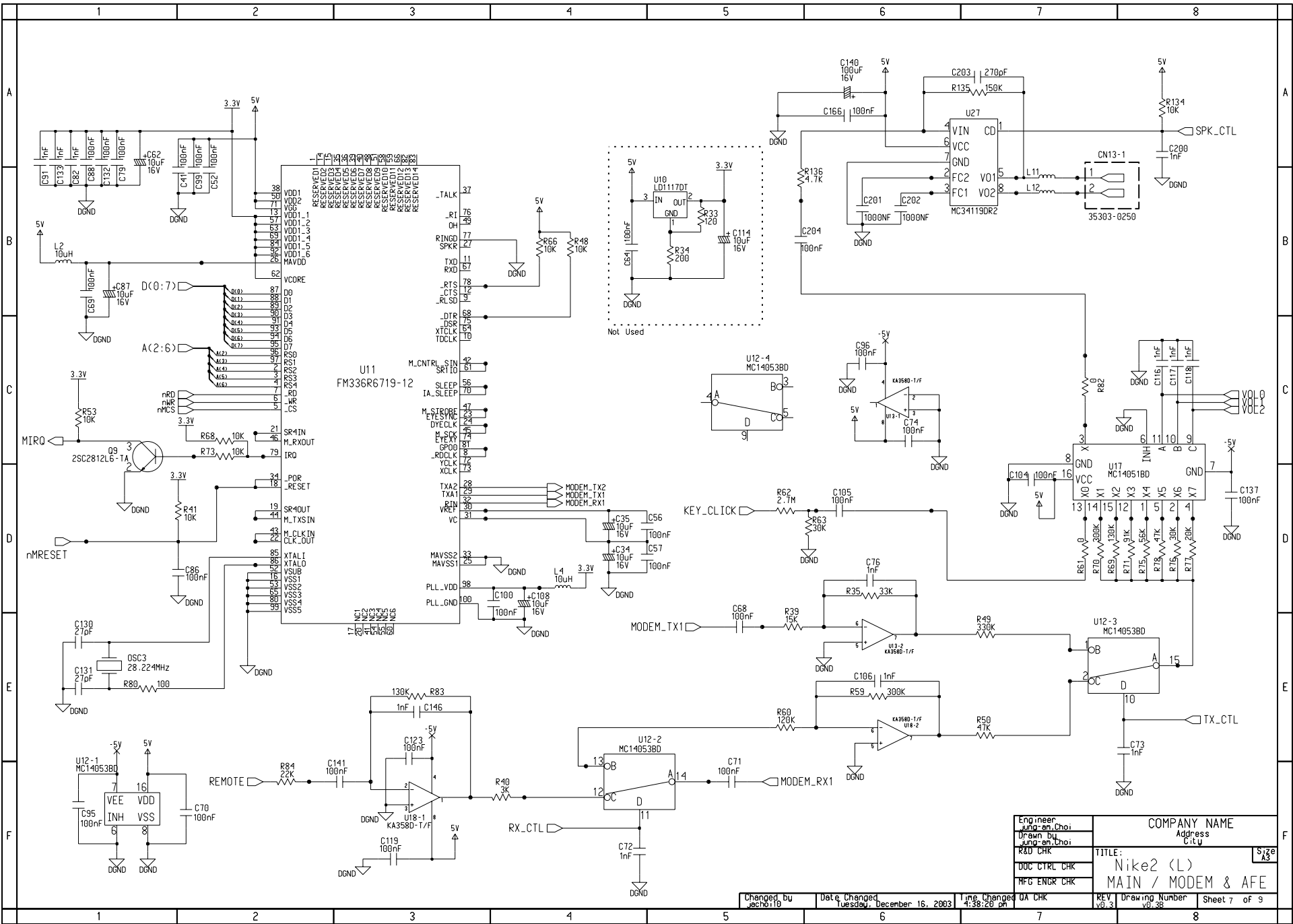
Engineer	Jung-am,Choi
Drawn by	Jung-am,Choi
R&D CHK	
DOC CTRL CHK	
MFG ENGR CHK	

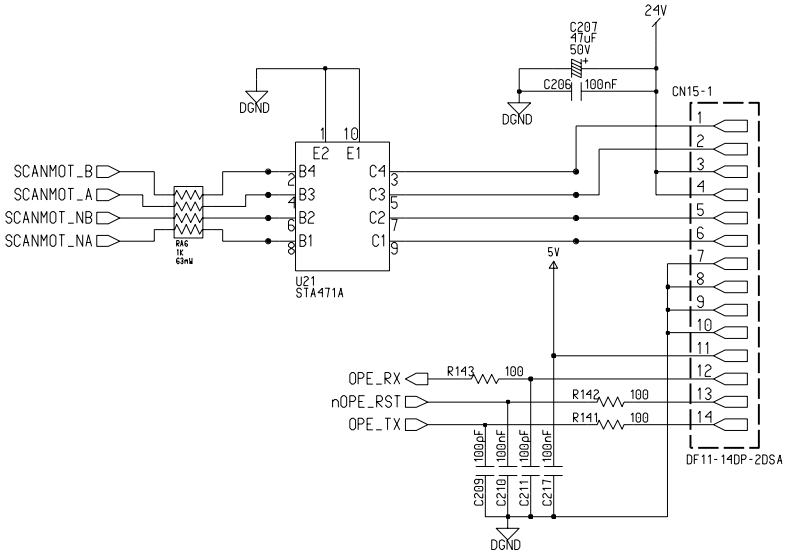
COMPANY NAME
Address
City

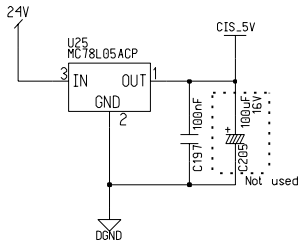
TITLE: NIKE 2(L)
MAIN / EXT GPIO

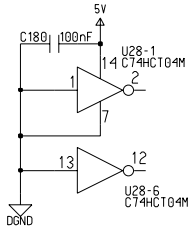
Size A3

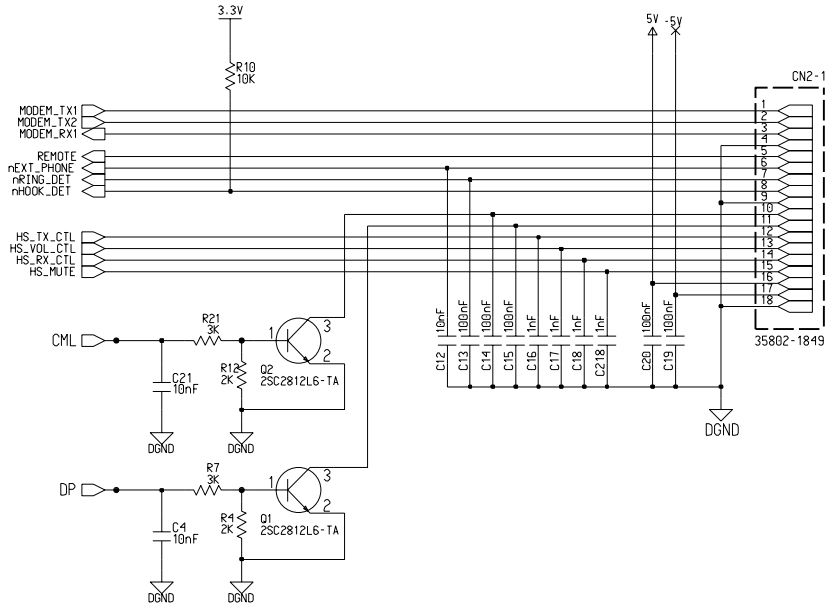
Changed by	Date Changed	Time Changed	QA CHK	REV	Drawing Number	Sheet
jachoi10	Tuesday, December 16, 2003	3:38:35 pm		v0.3	v0.3B	Sheet 6 of 9

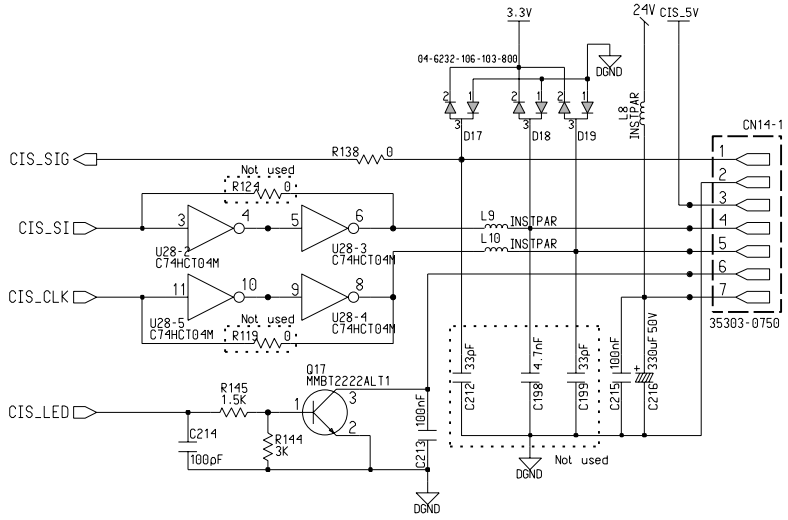

U11
FM336R6719-12
U27
MC34119DR2
U10
LD1117DT
U12-1
MC14053BD
U12-2
MC14053BD
U12-3
MC14053BD
U12-4
MC14053BD
U17
MC14051BD
U18-1
KA358D-T/F
U13-1
KA358D-T/F
U13-2
KA358D-T/F
U18-2
KA358D-T/F
Q9
2SC2812L6-TA
OSC3
28.224MHz
CN13-1
35303-0250
Not Used
D(0:7)
A(2:6)
nRD
nWR
nMCS
MIRQ
nMRESET
REMOTE
KEY_CLICK
MODEM_TX1
MODEM_RX1
RX_CTL
TX_CTL
SPK_CTL
VOL0
VOL1
VOL2
MODEM_TX2
MODEM_TX1
MODEM_RX1
Engineer
jung-am,Choi
Drawn by
jung-am,Choi
R&D CHK
DOC CTRL CHK
MFG ENGR CHK
QA CHK
COMPANY NAME
Address
City
TITLE:
Nike2 (L)
MAIN / MODEM & AFE
Size
A3
Changed by
jachoi10
Date Changed
Tuesday, December 16, 2003
Time Changed
4:38:20 pm
REV
v0.3
Drawing Number
v0.38
Sheet 7 of 9











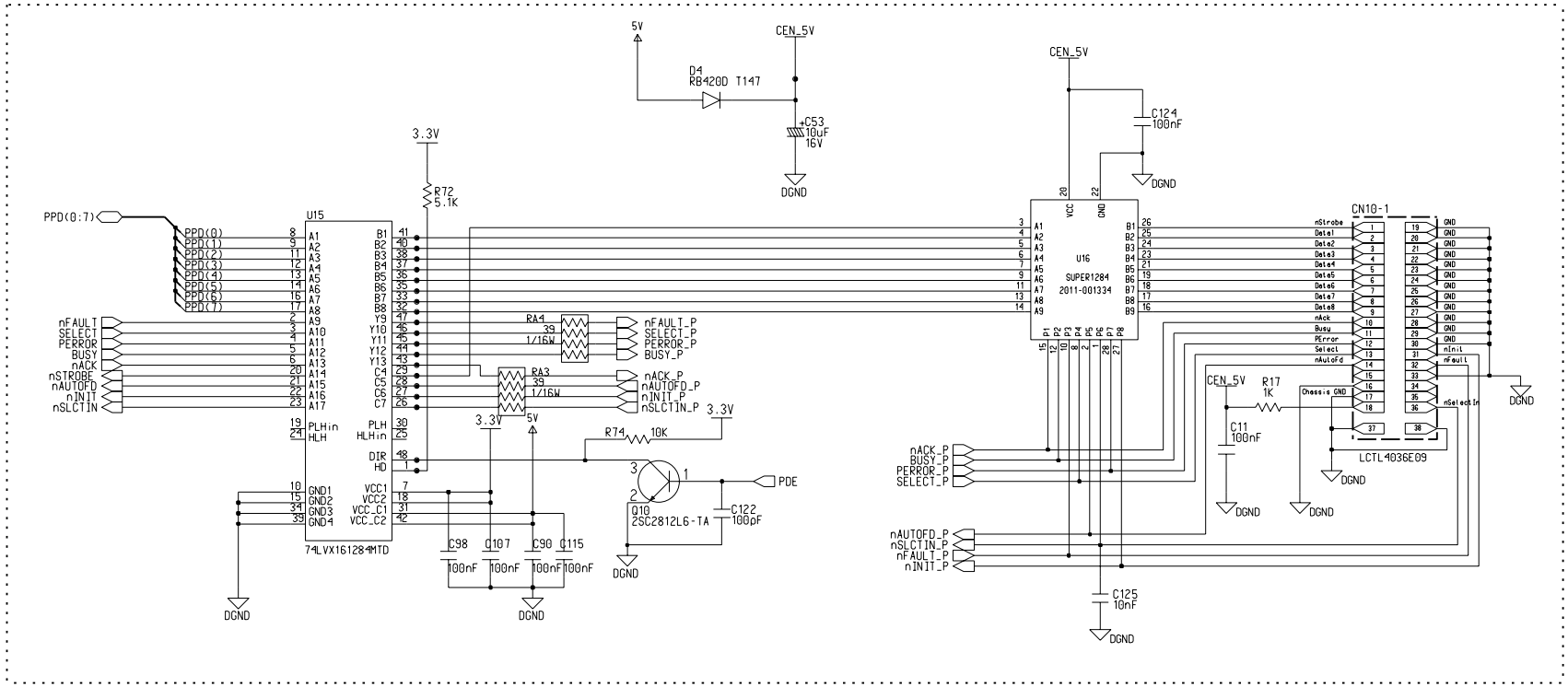
Engineer	jung-am.Choi
Drawn by	jung-am.Choi
R&D CHK	
DOC CTRL CHK	
MFG ENGR CHK	
QA CHK	

COMPANY NAME
Address
City

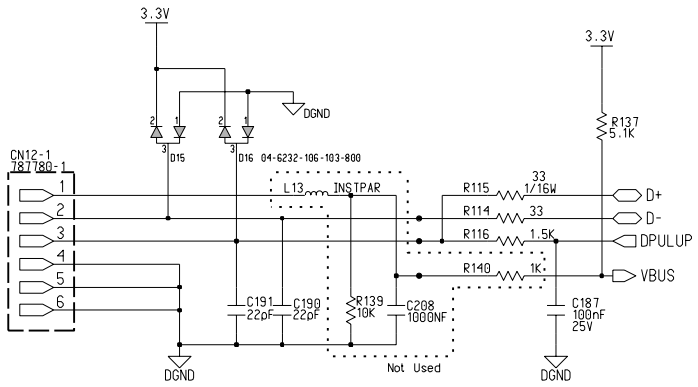
TITLE: NIKE 2(L)
MAIN / SCAN & LIU

Size A3

Changed by	Date Changed	Time Changed	REV	Drawing Number	Sheet
jachoi10	Tuesday, December 16, 2003	4:44:05 pm	v0.3	v0.3B	8 of 9

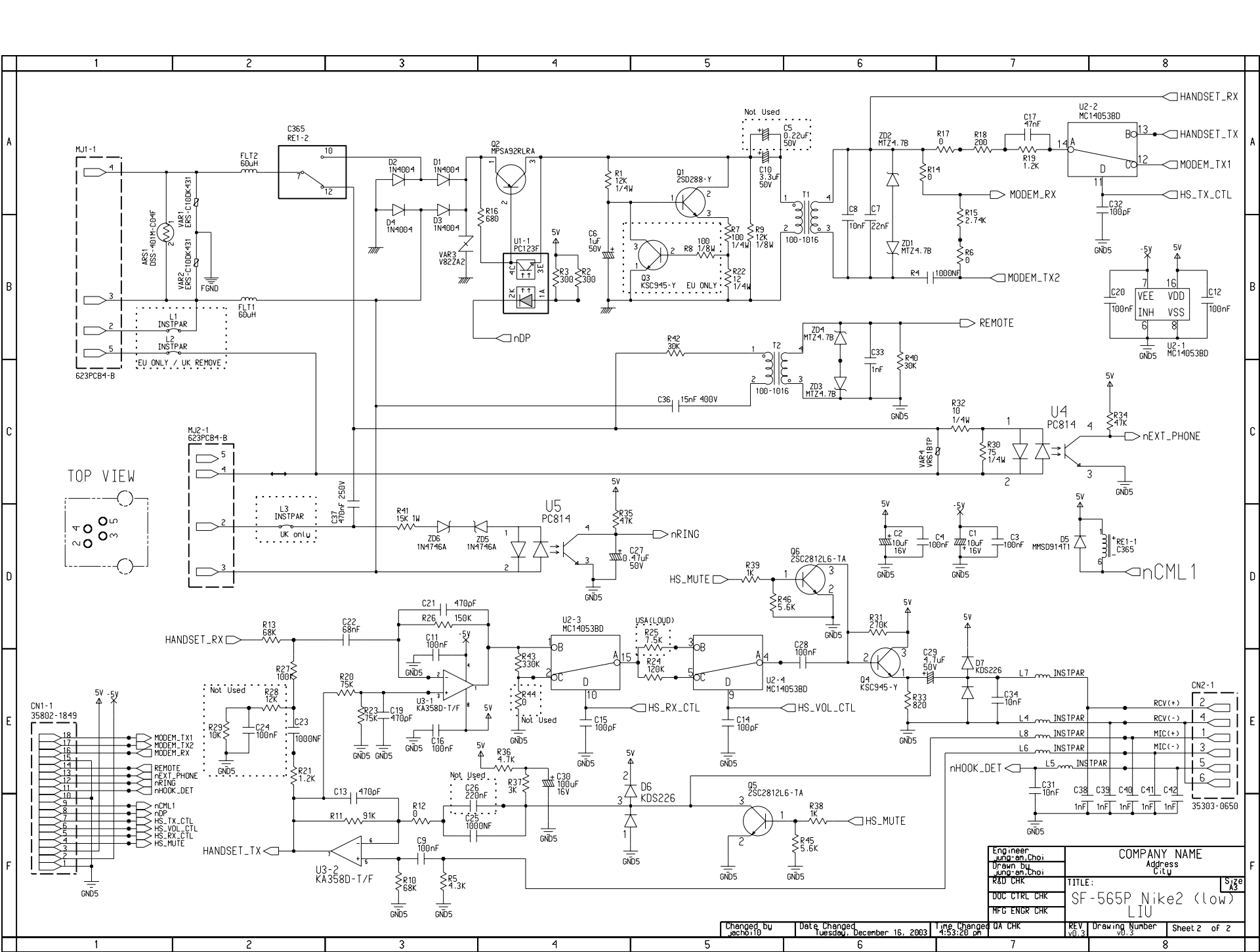


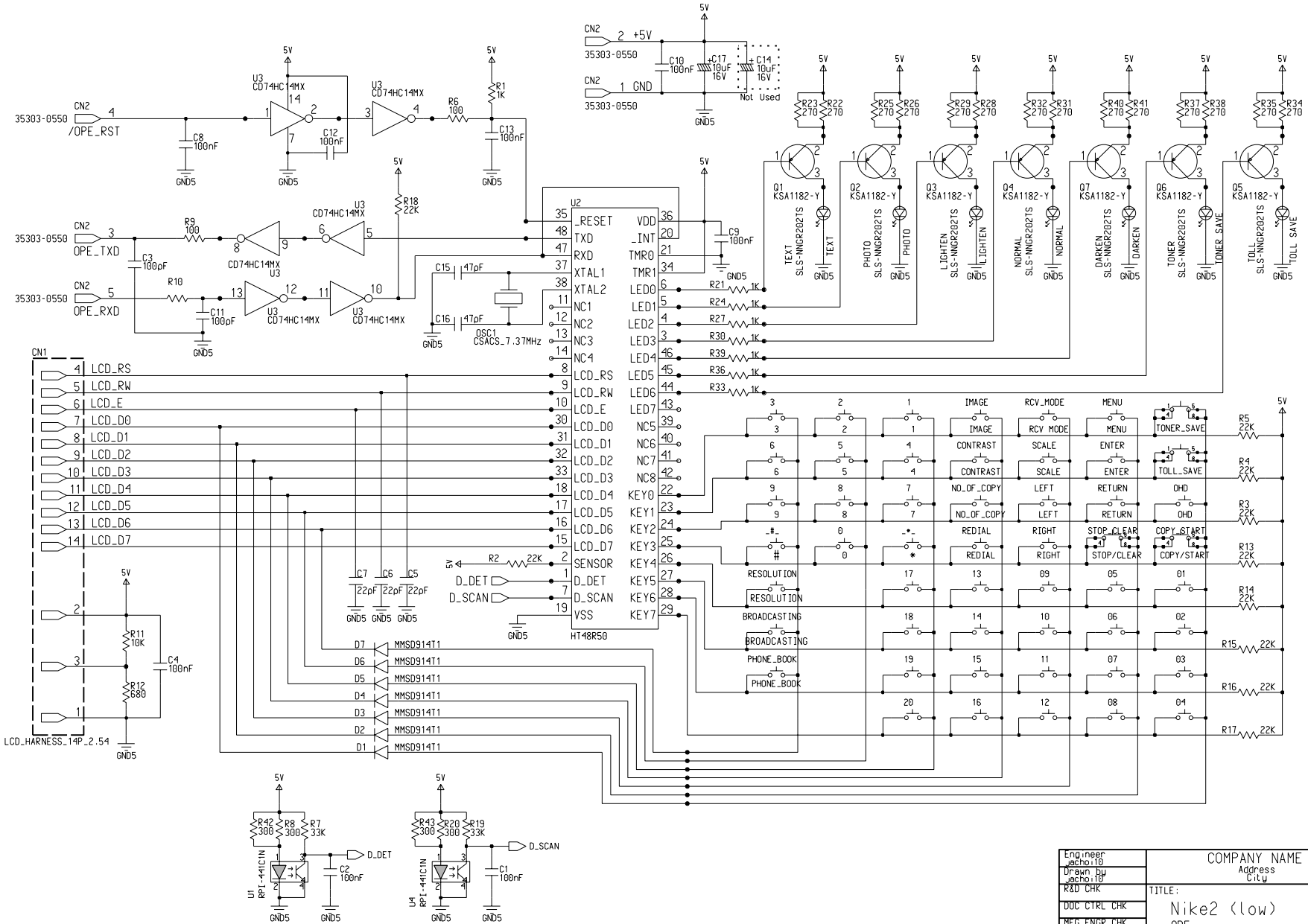
SF-565P only

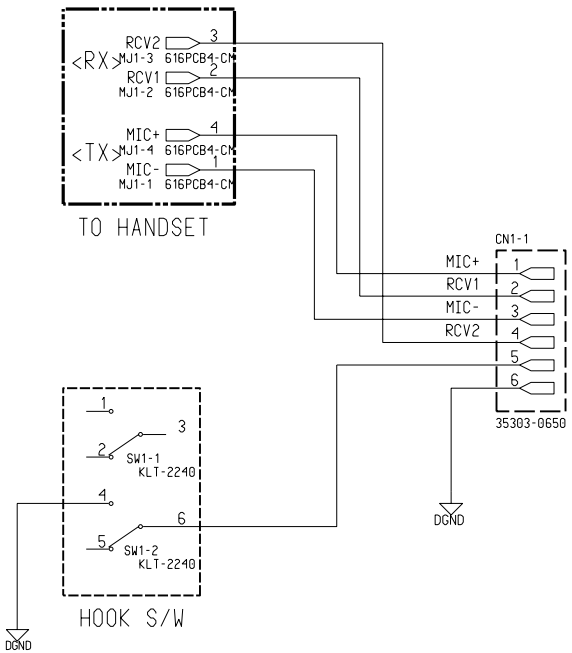


Engineer jachoi10	COMPANY NAME		
Drawn by jachoi10	Address		
R&D CHK	City		
DOC CTRL CHK	TITLE: NIKE 2(L) MAIN / PC INTERFACE		Size A3
MFG ENGR CHK			

Changed by	Date Changed	Time Changed	QA CHK	REV	Drawing Number	Sheet
jachoi10	Tuesday, December 16, 2003	3:34:12 pm		v0.3	v0.38	9 of 9

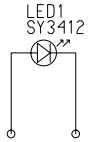

HANDSET_RX
HANDSET_TX
MODEM_TX1
HS_TX_CTL
MODEM_RX
MODEM_TX2
REMOTE
nEXT_PHONE
nRING
nCML1
nDP
HS_MUTE
HS_RX_CTL
HS_VOL_CTL
nHOOK_DET
TOP VIEW
623PCB4-B
EU ONLY / UK REMOVE
UK only
Not Used
INSTPAR
MC14053BD
PC814
PC123F
KA358D-T/F
KDS226
KSC945-Y
2SC2812L6-TA
MMSD914T1
35802-1849
35303-0650
Engineer Jung-am,Choi
Drawn by Jung-am,Choi
R&D CHK
DOC CTRL CHK
MFG ENGR CHK
QA CHK
COMPANY NAME
Address
City
TITLE:
SF-565P Nike2 (low)
LIU
Size A3
Changed by jachoi10
Date Changed Tuesday, December 16, 2003
Time Changed 4:53:20 pm
REV v0.3
Drawing Number v0.3
Sheet 2 of 2


CN2
35303-0550
/OPE_RST
OPE_TXD
OPE_RXD
U3
CD74HC14MX
R1 1K
R6 100
R9 100
R10
R18 22K
C3 100pF
C8 100nF
C11 100nF
C12 100nF
C13 100nF
5V
GND5
CN2 2 +5V
CN2 1 GND
C10 100nF
C17 10uF 16V
C14 10uF 16V
Not Used
U2
HT48R50
_RESET
TXD
RXD
XTAL1
XTAL2
NC1
NC2
NC3
NC4
VDD
_INT
TMR0
TMR1
LED0
LED1
LED2
LED3
LED4
LED5
LED6
LED7
NC5
NC6
NC7
NC8
KEY0
KEY1
KEY2
KEY3
KEY4
KEY5
KEY6
KEY7
SENSOR
D_DET
D_SCAN
VSS
C9 100nF
C15 47pF
C16 47pF
OSC1
CSACS_7.37MHz
R21 1K
R24 1K
R27 1K
R30 1K
R39 1K
R36 1K
R33 1K
Q1 KSA1182-Y
Q2 KSA1182-Y
Q3 KSA1182-Y
Q4 KSA1182-Y
Q7 KSA1182-Y
Q6 KSA1182-Y
Q5 KSA1182-Y
TEXT SLS-NNGR2021S
PHOTO SLS-NNGR2021S
LIGHTEN SLS-NNGR2021S
NORMAL SLS-NNGR2021S
DARKEN SLS-NNGR2021S
TONER SLS-NNGR2021S
TOLL SLS-NNGR2021S
TONER SAVE
TOLL SAVE
CN1
LCD_RS
LCD_RW
LCD_E
LCD_D0
LCD_D1
LCD_D2
LCD_D3
LCD_D4
LCD_D5
LCD_D6
LCD_D7
LCD_HARNESS_14P_2.54
R11 10K
R12 680
C4 100nF
C7 22pF
C6 22pF
C5 22pF
R2 22K
D_DET
D_SCAN
MMSD914T1
IMAGE
RCV_MODE
MENU
CONTRAST
SCALE
ENTER
NO_OF_COPY
LEFT
RETURN
OHD
REDIAL
RIGHT
STOP_CLEAR
COPY_START
RESOLUTION
BROADCASTING
PHONE_BOOK
TONER_SAVE
TOLL_SAVE
R5 22K
R4 22K
R3 22K
R13 22K
R14 22K
R15 22K
R16 22K
R17 22K
U1
RPI-441C1N
U4
RPI-441C1N
R42 300
R8 300
R7 33K
R43 300
R20 300
R19 33K
C2 100nF
C1 100nF
Engineer jachoi10
Drawn by jachoi10
R&D CHK
DOC CTRL CHK
MFG ENGR CHK
COMPANY NAME
Address
City
TITLE:
Nike2 (low)
OPE
Size A3
Changed by jachoi10
Date Changed Thursday, October 9, 2003
Time Changed 5:41:58 pm
QA CHK
REV v0.2
Drawing Number v0.2
Sheet 1 of 1



Normal : 4 - 6 (OFF_HOOK)
Push : 5 - 6 (ON_HOOK)

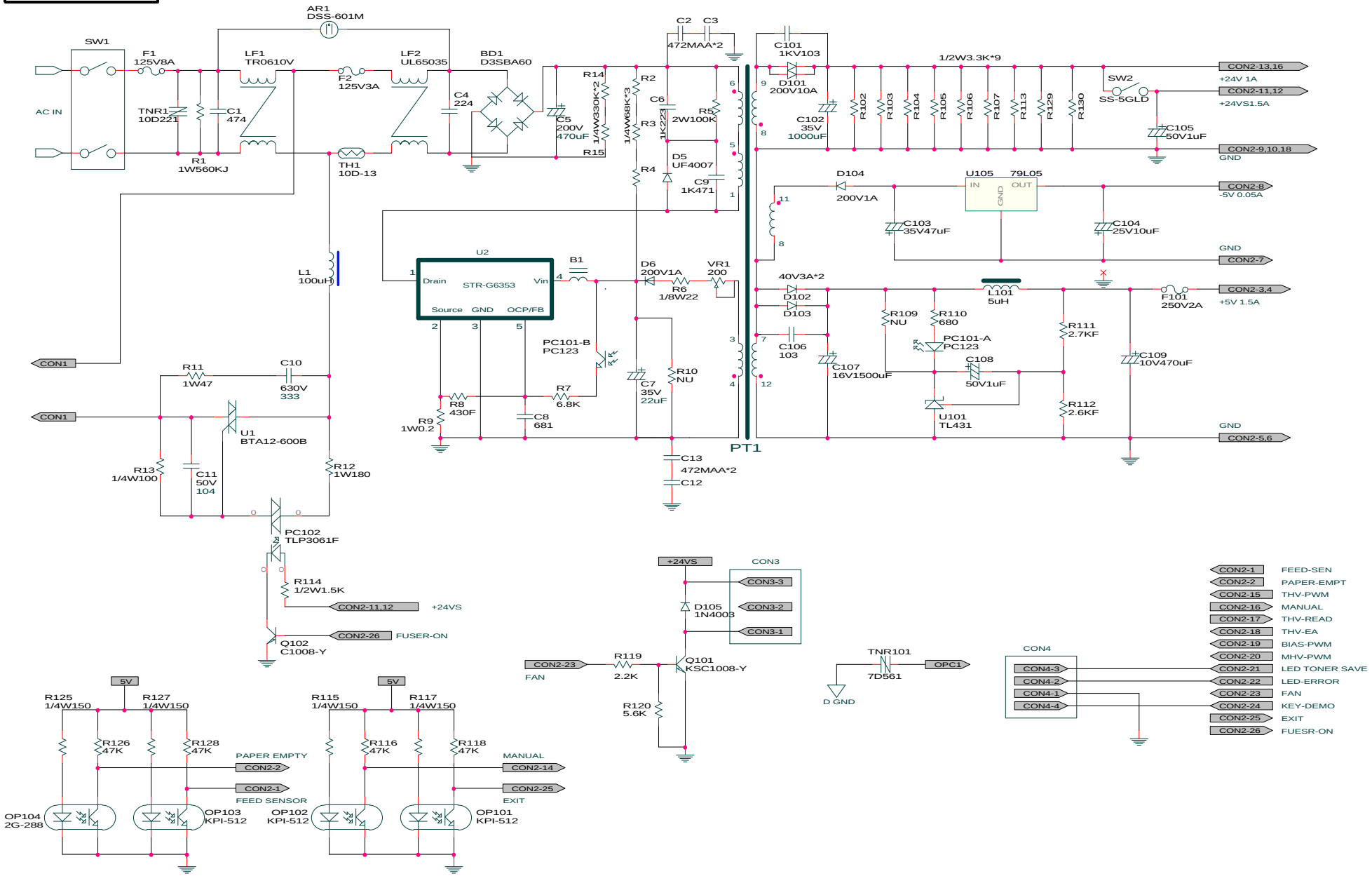
Engineer jachoi10	COMPANY NAME						
Drawn by jachoi10	Address						
R&D CHK	City						
DOC CTRL CHK	TITLE: NIKE2(L) HOOK / HANDSET M/J						Size A3
MFG ENGR CHK							
Changed by jachoi10	Date Changed Monday, October 6, 2003	Time Changed 1:38:26 pm	QA CHK	REV v0.2	Drawing Number	Sheet 1 of 1	



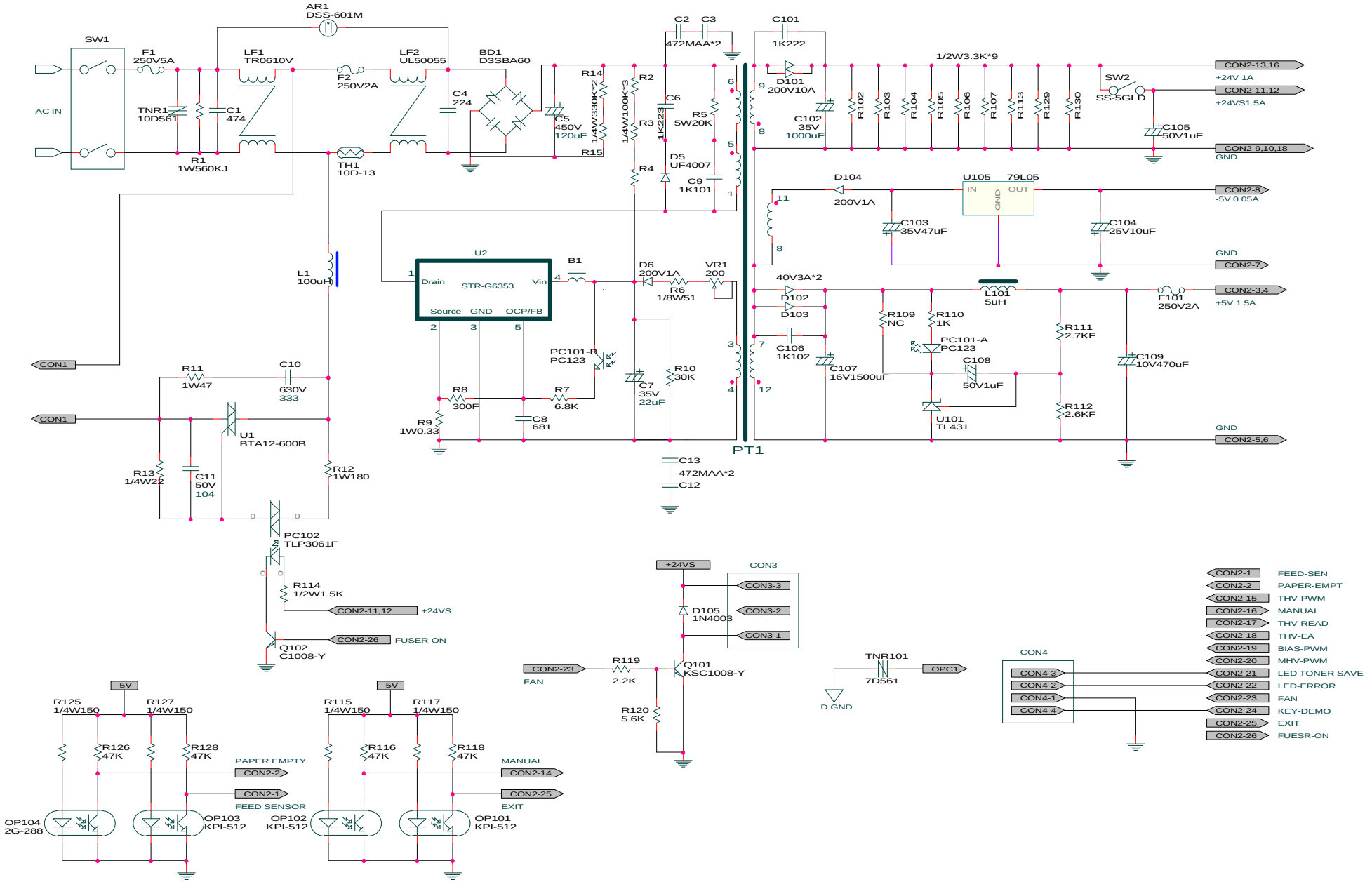
Engineer jachoi10	COMPANY NAME			
Drawn by jachoi10	Address City			
R&D CHK	TITLE			Size: A4
DOC CTRL CHK	PTL_V1.1			
MFG CTRL CHK				
QA CHK	REV	Drawing Number	Sheet of	

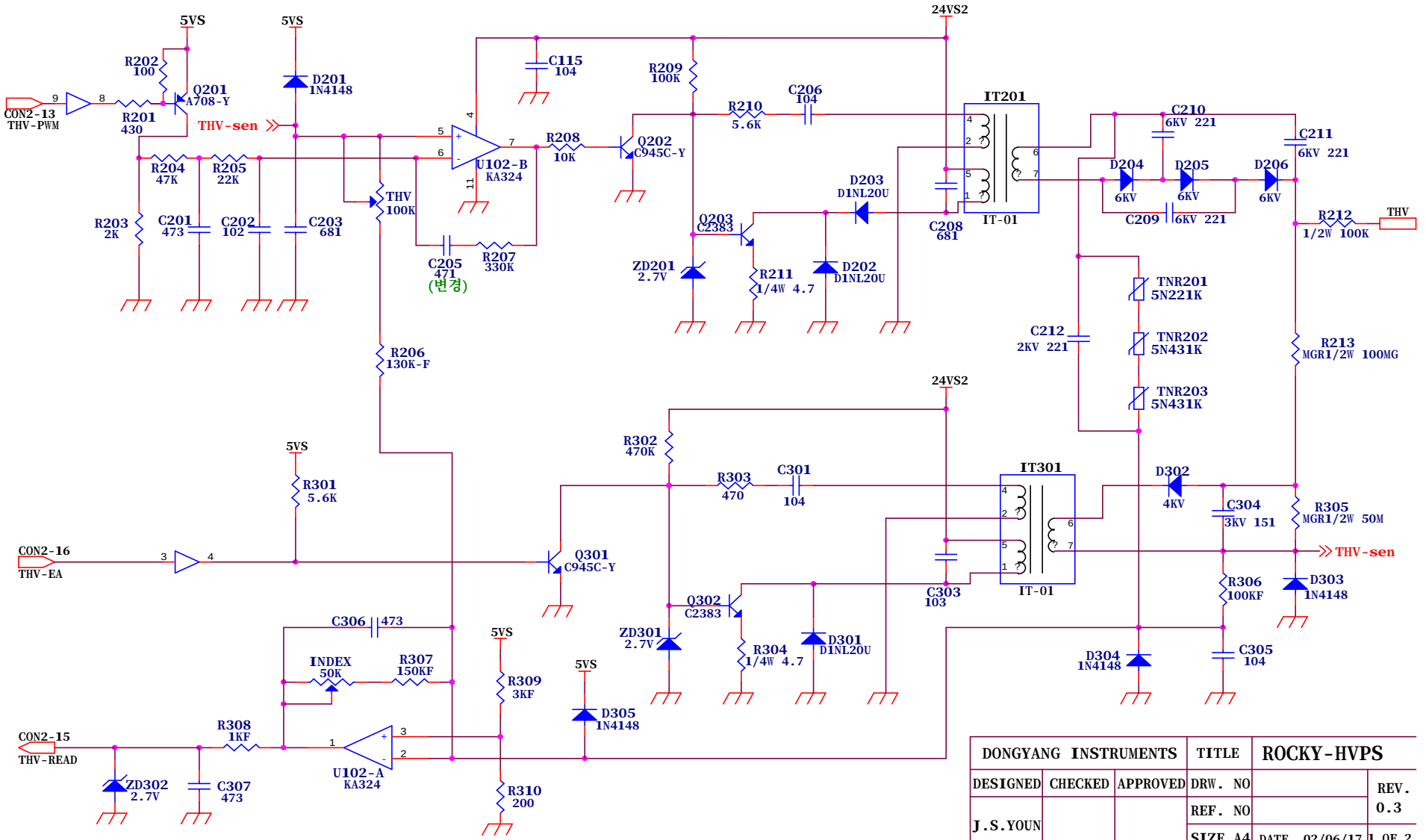
Changed by	Date Changed	Time
jachoi10	Monday, January 26, 2004	5:01:54 pm

NIKE2L - V1

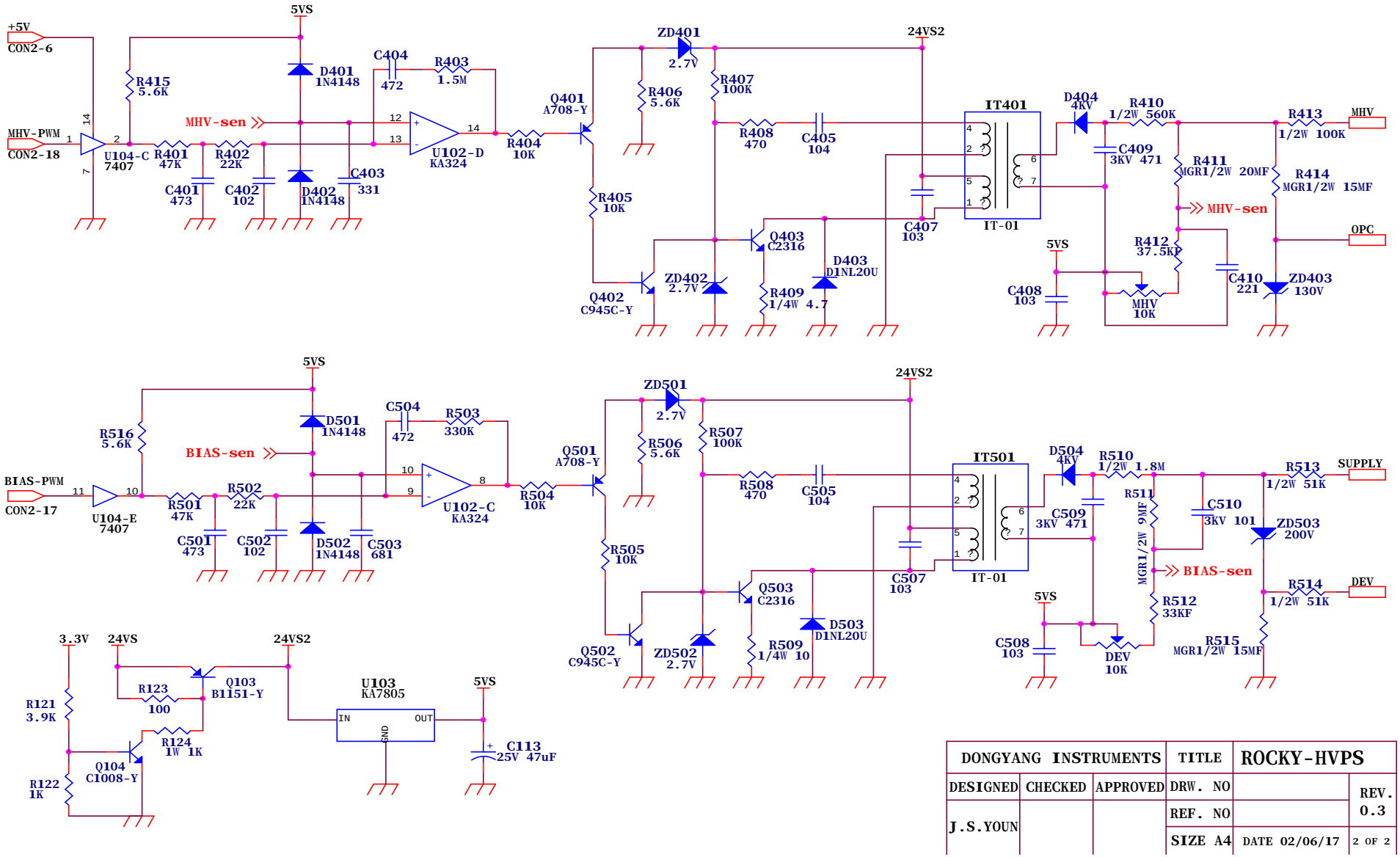

AR1
DSS-601M
SW1
AC IN
F1
125V8A
TNR1
10D221
C1
474
R1
1W560KJ
LF1
TR0610V
F2
125V3A
TH1
10D-13
LF2
UL65035
C4
224
BD1
D3SBA60
C5
200V
470uF
R14
1/4W330K*2
R15
R2
1/4W68K*3
R3
C6
1K223
R4
R5
2W100K
D5
UF4007
C9
1K471
C2
C3
472MAA*2
C101
1KV103
D101
200V10A
1/2W3.3K*9
R102
R103
R104
R105
R106
R107
R113
R129
R130
C102
35V
1000uF
SW2
SS-5GLD
C105
50V1uF
CON2-13,16
+24V 1A
CON2-11,12
+24VS1.5A
CON2-9,10,18
GND
D104
200V1A
U105
79L05
IN
OUT
GND
CON2-8
-5V 0.05A
C103
35V47uF
C104
25V10uF
GND
CON2-7
L1
100uH
U2
Drain
STR-G6353
Vin
Source
GND
OCP/FB
B1
D6
200V1A
R6
1/8W22
VR1
200
40V3A*2
D102
D103
L101
5uH
F101
250V2A
CON2-3,4
+5V 1.5A
R109
NU
R110
680
PC101-A
PC123
R111
2.7KF
C106
103
C107
16V1500uF
C108
50V1uF
C109
10V470uF
U101
TL431
R112
2.6KF
GND
CON2-5,6
PC101-B
PC123
R10
NU
C7
35V
22uF
R7
6.8K
R8
430F
R9
1W0.2
C8
681
PT1
C13
472MAA*2
C12
CON1
R11
1W47
C10
630V
333
U1
BTA12-600B
R13
1/4W100
C11
50V
104
R12
1W180
PC102
TLP3061F
R114
1/2W1.5K
CON2-11,12
+24VS
CON2-26
FUSER-ON
Q102
C1008-Y
+24VS
CON3
CON3-3
CON3-2
CON3-1
D105
1N4003
CON2-23
FAN
R119
2.2K
Q101
KSC1008-Y
R120
5.6K
TNR101
7D561
OPC1
D GND
CON4
CON4-3
CON4-2
CON4-1
CON4-4
CON2-1
FEED-SEN
CON2-2
PAPER-EMPT
CON2-15
THV-PWM
CON2-16
MANUAL
CON2-17
THV-READ
CON2-18
THV-EA
CON2-19
BIAS-PWM
CON2-20
MHV-PWM
CON2-21
LED TONER SAVE
CON2-22
LED-ERROR
CON2-23
FAN
CON2-24
KEY-DEMO
CON2-25
EXIT
CON2-26
FUESR-ON
5V
R125
1/4W150
R127
1/4W150
R126
47K
R128
47K
PAPER EMPTY
CON2-2
CON2-1
FEED SENSOR
OP104
2G-288
OP103
KPI-512
5V
R115
1/4W150
R117
1/4W150
R116
47K
R118
47K
MANUAL
CON2-14
CON2-25
EXIT
OP102
KPI-512
OP101
KPI-512

NIKE2L - V2C


AR1
DSS-601M
SW1
AC IN
F1
250V5A
LF1
TR0610V
F2
250V2A
LF2
UL50055
BD1
D3SBA60
C4
224
TNR1
10D561
C1
474
R1
1W560KJ
TH1
10D-13
C5
450V
120uF
R14
1/4W330K*2
R15
1/4W100K*3
R2
R3
1K223
R4
C6
R5
5W20K
D5
UF4007
C9
1K101
C2
C3
472MAA*2
C101
1K222
D101
200V10A
C102
35V
1000uF
1/2W3.3K*9
R102
R103
R104
R105
R106
R107
R113
R129
R130
SW2
SS-5GLD
C105
50V1uF
CON2-13,16
+24V 1A
CON2-11,12
+24VS1.5A
CON2-9,10,18
GND
D104
200V1A
U105
79L05
IN
GND
OUT
C103
35V47uF
C104
25V10uF
CON2-8
-5V 0.05A
GND
CON2-7
L1
100uH
U2
Drain
STR-G6353
Vin
Source
GND
OCP/FB
B1
D6
200V1A
R6
1/8W51
VR1
200
40V3A*2
D102
D103
L101
5uH
F101
250V2A
CON2-3,4
+5V 1.5A
R109
NC
R110
1K
PC101-A
PC123
R111
2.7KF
C106
1K102
C107
16V1500uF
C108
50V1uF
C109
10V470uF
U101
TL431
R112
2.6KF
GND
CON2-5,6
PC101-B
PC123
R8
300F
R7
6.8K
C8
681
R9
1W0.33
C7
35V
22uF
R10
30K
C13
472MAA*2
C12
PT1
CON1
R11
1W47
C10
630V
333
U1
BTA12-600B
R13
1/4W22
C11
50V
104
R12
1W180
PC102
TLP3061F
R114
1/2W1.5K
CON2-11,12
+24VS
CON2-26
FUSER-ON
Q102
C1008-Y
+24VS
CON3
CON3-3
CON3-2
CON3-1
D105
1N4003
CON2-23
FAN
R119
2.2K
Q101
KSC1008-Y
R120
5.6K
TNR101
7D561
OPC1
D GND
CON4
CON4-3
CON4-2
CON4-1
CON4-4
CON2-1
FEED-SEN
CON2-2
PAPER-EMPT
CON2-15
THV-PWM
CON2-16
MANUAL
CON2-17
THV-READ
CON2-18
THV-EA
CON2-19
BIAS-PWM
CON2-20
MHV-PWM
CON2-21
LED TONER SAVE
CON2-22
LED-ERROR
CON2-23
FAN
CON2-24
KEY-DEMO
CON2-25
EXIT
CON2-26
FUESR-ON
5V
R125
1/4W150
R127
1/4W150
R126
47K
R128
47K
PAPER EMPTY
CON2-2
CON2-1
FEED SENSOR
OP104
2G-288
OP103
KPI-512
5V
R115
1/4W150
R117
1/4W150
R116
47K
R118
47K
MANUAL
CON2-14
CON2-25
EXIT
OP102
KPI-512
OP101
KPI-512



DONGYANG INSTRUMENTS			TITLE	ROCKY-HVPS	
DESIGNED	CHECKED	APPROVED	DRW. NO		REV. 0.3
J.S.YOUN			REF. NO		
			SIZE A4	DATE 02/06/17	1 OF 2



DONGYANG INSTRUMENTS			TITLE	ROCKY-HVPS	
DESIGNED	CHECKED	APPROVED	DRW. NO		REV. 0.3
J.S.YOUN			REF. NO		
			SIZE A4	DATE 02/06/17	2 OF 2